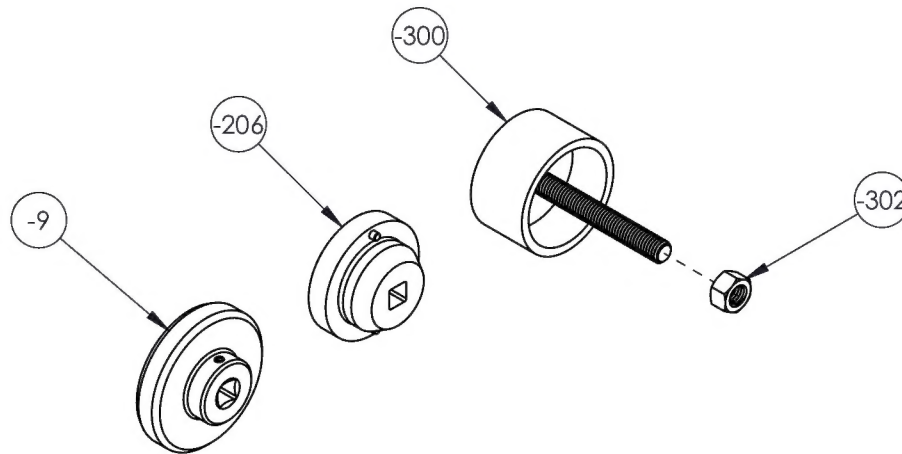



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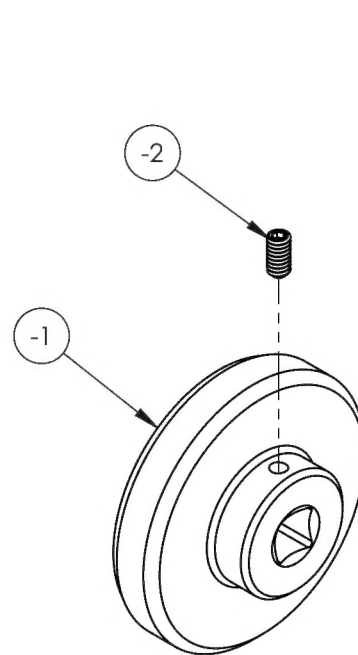
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MERGED ASSY. DWG & REMOVED OBSOLETE DWG.	8/9/2006		
1A		CH'D TITLEBLOCK & REVISION BLOCK. ADDED FINISH SPEC P/N -1, -301A, -302A, & -304A.	8/13/2009	RJC	
2		DELETED Ø.219 THRU HOLE FOR RETAINER BALL & ADDED R.120 (x4) x .600 BALL RETAINERS FOR P/N -201 PER G.E., LABELED SECTION VIEWS A-A & B-B.	9/21/2009	RJC	
2A		CH'D P/N'S FROM 200, 301A, 302A, 304A TO MATCH MANUFACTURING SYSTEM P/N'S PER J.D.	10/26/2009	RJC	RW
3		ADDED -9 & -206 WRENCH ASSEMBLIES TO MATCH OEM DRAWINGS & CH'D ENGRAVE NOTES PER E.B. CH'D -201 DOWEL PIN HOLE FROM PRESS FIT FOR .188 DOWEL PIN TO Ø.1874-.1869.	5/25/2012	RJC	EB
4	15-0297	UPDATED TO NEW DRAFTING STANDARDS. -1 CH'D DIM WAS .500 SQUARE +.010 -.005 IS 2X .503-.508. ADDED DIMS 2X .670 MIN, Ø.70, 120°. -2 ADDED B/O #91375A537. -9 ADDED DWG. -201 CH'D DIMS WAS .256 IS 4X .303-.315, WAS .500 SQUARE +.015 -.000 IS 2X .503-.508, ADDED DIMS 2X .670 MIN, Ø.70, 120°. -202 ADDED B/O #98381A507. -206 ADDED DWG. -300 DELETED DIMS 4.250, CH'D DIM WAS .10 IS (.100). ADDED DIM 4.35. -301 WAS B/O IS MODIFIED. ADDED DWG. CH'D B/O WAS #98750A107 IS #98750A108. -302 ADDED B/O #94895A823.	9/16/2015	DPD	JAG



ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.				
		1		-1		WRENCH	41L40/4140		3	<b>TITLE</b> WRENCH - FUEL CELL ASSY			
		1	B/O	-2		SECKET HEAD SET SCREW	STEEL	1/4-20 X 1/2 {MCMaster-CARR #91375A537}	2				
		X		-9	1	WRENCH ASSY.			2	<b>DWG NO.</b> RBA8100-80902			
	1			-201		WRENCH	1018/1020		5				
	2			-202		DOWEL PIN		Ø3/16 X 5/8 {MCMaster-CARR #98381A507} MODIFIED	6	<b>REV</b> 4			
	X			-206	1	WRENCH ASSY.			4				
	X			-300	1	WELDMENT			7	<b>MAT'L</b> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES XXX ± .005 FRACTIONS ± 1/8 XX ± .01 ANGLES ± 5° X ± .1			
1				-301		ALL-THREAD	STEEL	1/2-13 X 4 {MCMaster-CARR #98750A108} MODIFIED	8				
			B/O	-302	1	HEX NUT	STEEL	1/2-13 {MCMaster-CARR #94895A823}	1	<b>DRAWN BY:</b> COLE <b>APPROVED</b> <i>D Weil</i> <b>HEAT TREAT FINISH</b> SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING <b>USED ON MODEL</b> MD			
1				-304		CUP	1018/1020		9				
ASSY -300	ASSY -206	ASSY -9								<b>SCALE</b> 1:4 <b>DATE</b> 7/30/2004 <b>SHEET 1 OF 9</b>			

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		ADDED -9 WRENCH ASSEMBLIES.	5/25/2012	RJC	EB
4	15-0297	-9 ADDED DWG.	9/16/2015	DPD	JAG

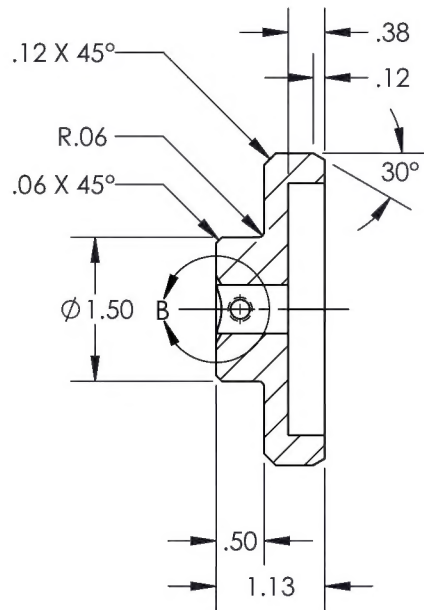


(-9)  
WRENCH ASSY.

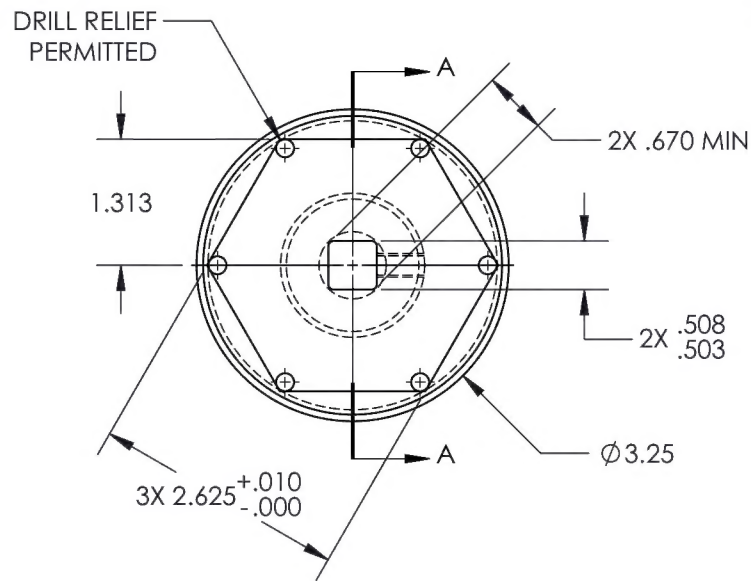
<b>DART</b> AEROSPACE	
TITLE WRENCH - FUEL CELL ASSY	
DWG NO. RBA8100-80902-9	REV 4
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
ANGLES ± 5°	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD
SCALE 1:2	DATE 7/30/2004
SHEET 2 OF 9	

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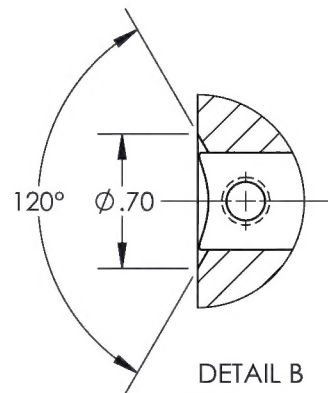
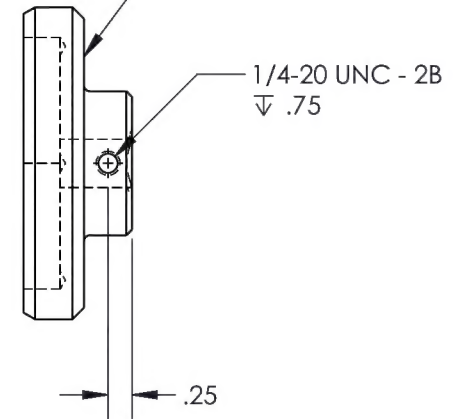
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1A		ADDED FINISH SPEC P/N -1.	8/13/2009	RJC	
3		CH'D -1 ENGRAVE NOTE PER E.B.	5/25/2012	RJC	EB
4	15-0297	-1 CH'D DIM WAS .500 SQUARE +.010 -.005 IS 2X .503-.508. ADDED DIMS 2X .670 MIN, Ø.70, 120°.	9/16/2015	DPD	JAG



SECTION A-A



ENGRAVE T/N  
"RBA8100-80902-9"



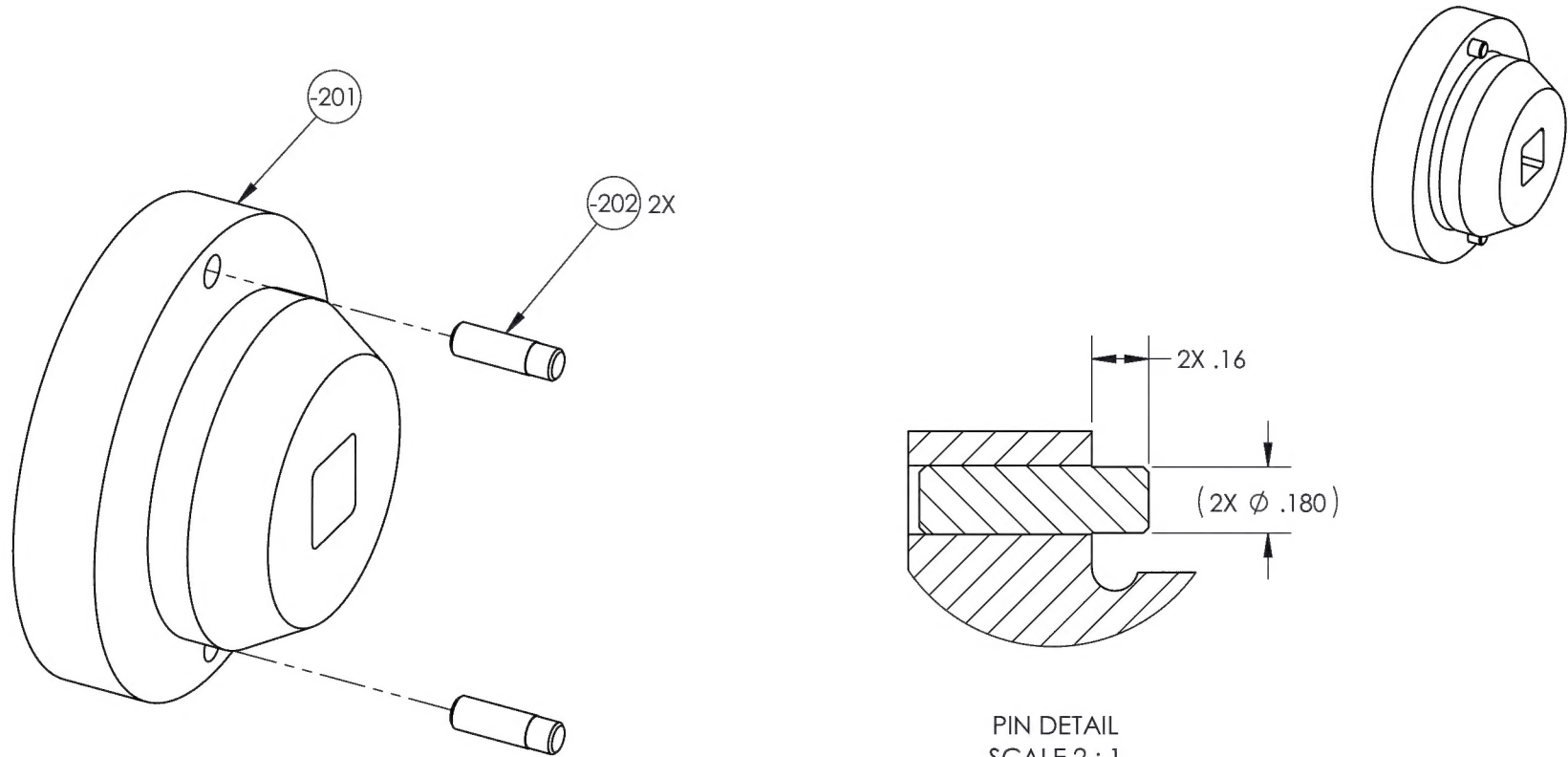
DETAIL B  
SCALE 1:1

(-1)  
WRENCH

<b>DART AEROSPACE</b>	
TITLE <b>WRENCH - FUEL CELL ASSY</b>	
DWG NO. <b>RBA8100-80902-1</b>	REV <b>4</b>
MAT'L 41L40/4140	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>P. Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT RC 35-40
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD
SCALE 1:2	DATE 7/30/2004
SHEET 3 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	15-0297	-206 ADDED DWG.	9/16/2015	DPD	JAG



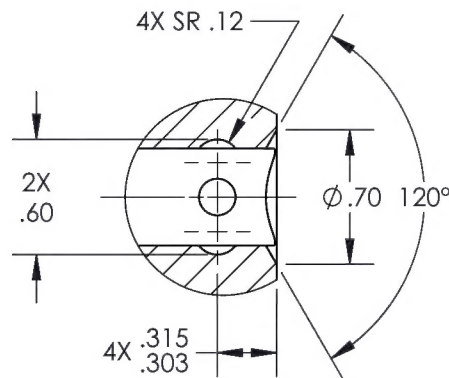
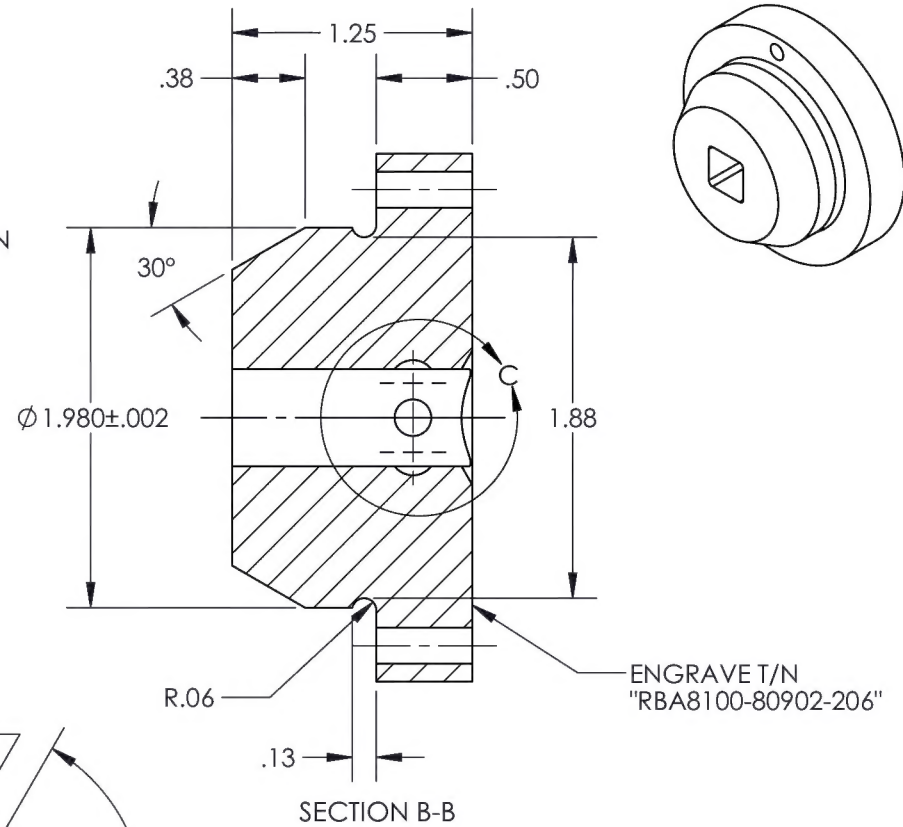
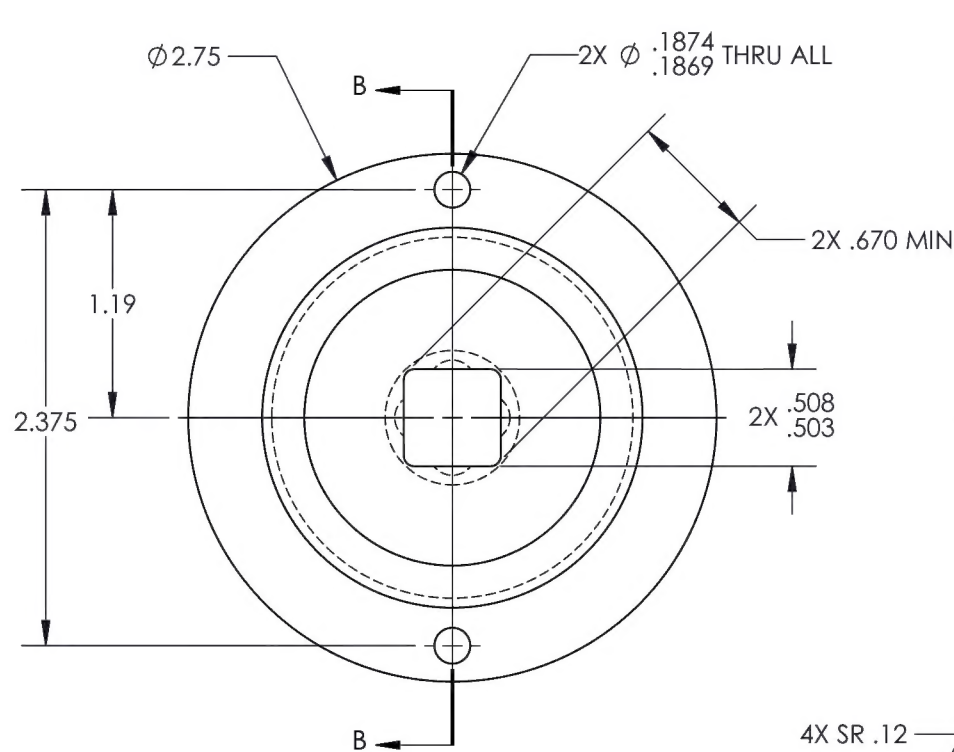
PIN DETAIL  
SCALE 2 : 1

WRENCH ASSY.

<b>DART AEROSPACE</b>	
TITLE <b>WRENCH - FUEL CELL ASSY</b>	
DWG NO. <b>RBA8100-80902-206</b>	REV <b>4</b>
MAT'L	DRAWN BY: <b>COLE</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>MD</b>
SCALE 1:1	DATE 7/30/2004
SHEET 4 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		DELETED Ø.219 THRU HOLE FOR RETAINER BALL & ADDED R.120 (x4) x .600 BALL RETAINERS FOR P/N - 201 PER G.E., LABELED SECTION VIEW B-B.	9/21/2009	RJC	
3		CH'D -201 ENGRAVE NOTE PER E.B. CH'D -201 DOWEL PIN HOLE FROM PRESS FIT FOR .188 DOWEL PIN TO Ø.1874-.1869.	5/25/2012	RJC	EB
4	15-0297	-201 CH'D DIMS WAS .256 IS 4X .303-.315, WAS .500 SQUARE +.015 -.000 IS 2X .503-.508. ADDED DIMS 2X .670 MIN, Ø.70, 120°.	9/16/2015	DPD	JAG



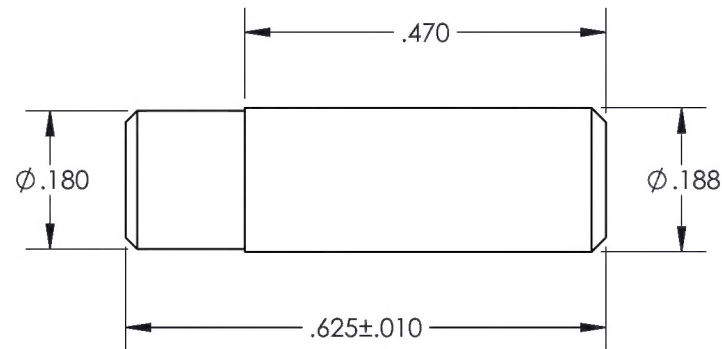
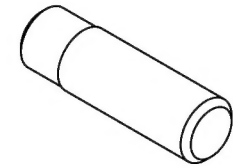
(-201)  
WRENCH

DETAIL C

<b>DART</b> AEROSPACE	
TITLE WRENCH - FUEL CELL ASSY	
DWG NO. RBA8100-80902-201	REV 4
MAT'L 1018/1020	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD
SCALE 1:1	DATE 7/30/2004
SHEET 5 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



(-202)

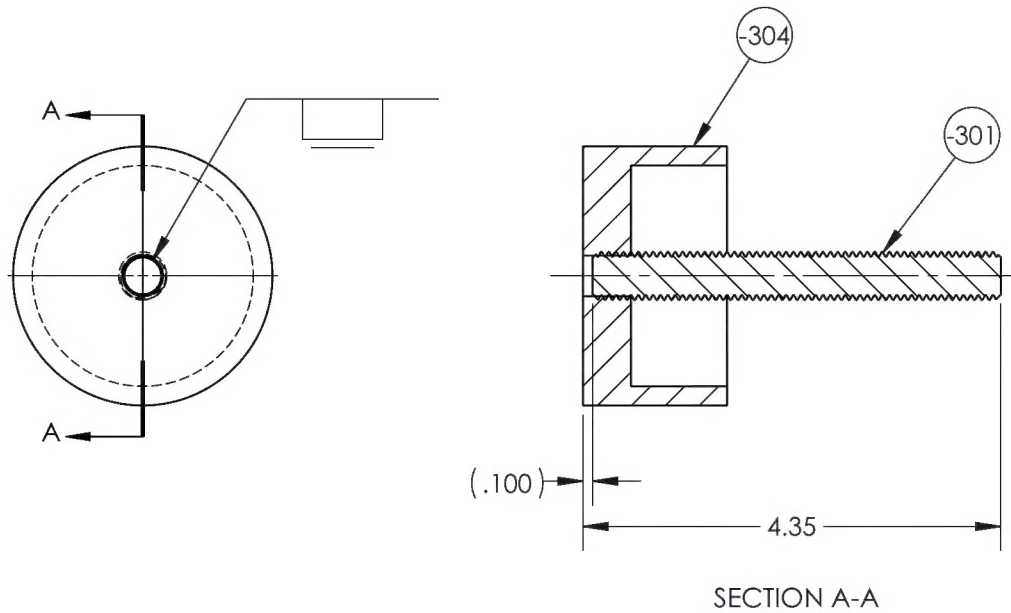
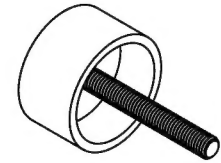
DOWEL PIN

<b>DART</b> AEROSPACE	
TITLE WRENCH - FUEL CELL ASSY	
DWG NO. RBA8100-80902-202	REV 4
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	MD
SCALE 4:1	DATE 7/30/2004
SHEET 6 OF 9	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	15-0297	-300 DELETED DIMS 4.250. CH'D DIM WAS .10 IS (.100). ADDED DIM 4.35.	9/16/2015	DPD	JAG

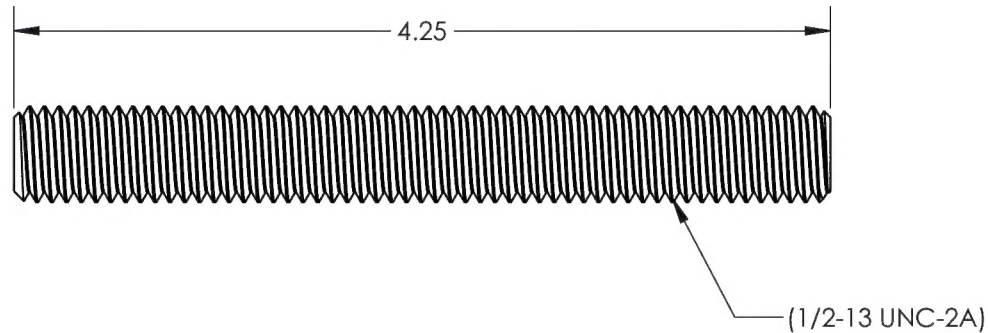
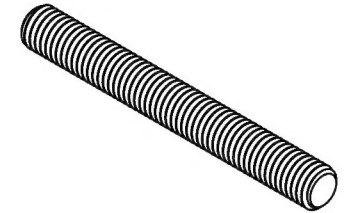


(-300)  
WELDMENT

<b>DART AEROSPACE</b>	
TITLE WRENCH - FUEL CELL ASSY	
DWG NO. RBA8100-80902-300	REV 4
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: COLE APPROVED <i>D Weil</i> HEAT TREAT FINISH BLACK OXIDE SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL MD
SCALE 1:2	DATE 7/30/2004
SHEET 7 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	15-0297	-301 WAS B/O IS MODIFIED. ADDED DWG. CH'D B/O WAS #98750A107 IS #98750A108.	9/16/2015	DPD	JAG



(-301)

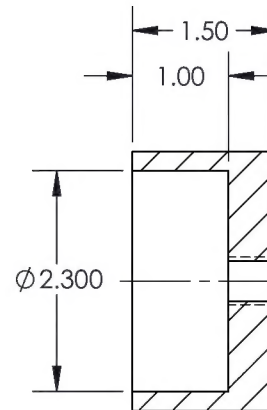
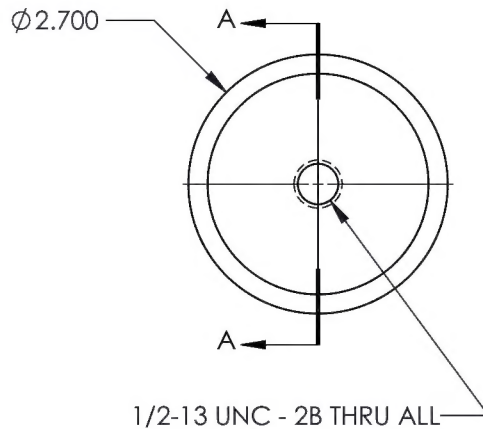
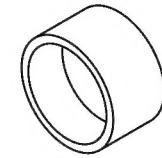
ALL-THREAD

<b>DART</b> AEROSPACE	
TITLE WRENCH - FUEL CELL ASSY	
DWG NO. RBA8100-80902-301	REV 4
MAT'L STEEL	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -300 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD
SCALE 1:1	DATE 7/30/2004
SHEET 8 OF 9	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		ADDED -304 ENGRAVE NOTE PER E.B.	5/25/2012	RJC	EB



SECTION A-A

ENGRAVE T/N "RBA8100-80902",  
P/N "-300", S/N, "MADE IN USA"

NOTE:  
THIS PART REPLACES THE ORIGINAL -304  
& ELIMINATES -303 DOWEL PINS.

-304  
CUP

<b>DART AEROSPACE</b>	
TITLE WRENCH - FUEL CELL ASSY	
DWG NO. RBA8100-80902-304	REV 4
MAT'L 1018/1020	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -300 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD
SCALE 1:2	DATE 7/30/2004
SHEET 9 OF 9	